IN THE ABSTRACT:

Please enter the attached substitute Abstract of the Disclosure for that originally filed with this application.

ABSTRACT OF THE DISCLOSURE

The invention is to provide a ring body and supporting structure of a vibratile gyroscope. The ring body is a thin sheet ring body having a height. The supporting structure is provided for supporting the ring body. The supporting structure is located on two opposing edges of the ring body. The supporting structures provide axial and radial supporting forces to restrain the ring body, providing better sensitivity and capability to resist environmental vibration and noise. Additionally, a reinforcing structure surrounding the ring body is arranged at an interior surface of the ring body to raise the rigidity of the ring body and maintain an elliptical resonance mode. If the reinforcing structure si arranged as high as the ring body, then it is possible to arrange electrodes at both inner and outer sides of the ring body to raise the effective area of driving and/or sensing electrodes. Raising the effective sensing area is further beneficial to reduce the needed driving voltage and increase the signal-to-noise ratio.